

## Refine Search

### Search Results -

| Terms                | Documents |
|----------------------|-----------|
| L7 and acid chloride | 18        |

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

|    |                                 |                                 |
|----|---------------------------------|---------------------------------|
| L8 | <input type="button" value=""/> | <input type="button" value=""/> |
|----|---------------------------------|---------------------------------|





### Search History

DATE: Friday, October 27, 2006 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

| <u>Set Name</u>  | <u>Query</u>                                | <u>Hit Count</u> | <u>Set Name</u> |
|--|---|------------------|-----------------|
| side by side   |   | result set       |                 |
| <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> |   |                  |                 |
| <u>L8</u>  | L7 and acid chloride                        | 18               | <u>L8</u>       |
| <u>L7</u>  | L6 and ester and (alkali or alkaline earth) | 48               | <u>L7</u>       |
| <u>L6</u>  | 14 and 549/375                              | 64               | <u>L6</u>       |
| <u>L5</u>  | 14 and 549/\$                               | 2810             | <u>L5</u>       |
| <u>L4</u>  | dioxane\$6 with acet\$8                     | 42250            | <u>L4</u>       |
| <u>L3</u>  | s 11 and 549/\$                             | 0                | <u>L3</u>       |
| <i>DB=PGPB; PLUR=YES; OP=ADJ</i>                               |   |                  |                 |
| <u>L2</u>  | 20060122407                                 | 1                | <u>L2</u>       |
| <i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i> |   |                  |                 |
| <u>L1</u>  | dioxane\$6acetic acid                       | 67               | <u>L1</u>       |

END OF SEARCH HISTORY

## Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)  
[Generate OACS](#)

Search Results - Record(s) 1 through 10 of 18 returned.

1. Document ID: US 20060122407 A1

L8: Entry 1 of 18

File: PGPB

Jun 8, 2006

PGPUB-DOCUMENT-NUMBER: 20060122407

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060122407 A1

TITLE: Process for the preparation of dioxane acetic acid esters

PUBLICATION-DATE: June 8, 2006

INVENTOR-INFORMATION:

| NAME  | CITY      | STATE | COUNTRY |
|---|-----------|-------|---------|
| Bakel Van; Hermanus Carolus Catherina Karel | Helden    |       | NL      |
| Callant; Dominique Monique Charles          | Houthalen |       | BE      |
| Kooistra; Jacob Hermanus Mattheus Hero      | Venlo     |       | NL      |
| Maas; Peter Johannes Dominicus              | Puth      |       | NL      |

US-CL-CURRENT: 549/375

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMIC](#) [Drawn D.](#)

2. Document ID: US 20050148785 A1

L8: Entry 2 of 18

File: PGPB

Jul 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050148785

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050148785 A1

TITLE: Process for the preparation of 2-(6-substituted-1,-3-dioxane-4-YL) acetic acid derivatives

PUBLICATION-DATE: July 7, 2005

INVENTOR-INFORMATION:

| NAME                                     | CITY   | STATE | COUNTRY |
|--|--------|-------|---------|
| Kooistra, Jacob Hermanus Mattheus Hero   | Venlo  |       | NL      |
| Zeegers, Hubertus Josephus Marie         | Baarlo |       | NL      |
| Mink, Daniel                             | Eupen  |       | BE      |
| Mulders, Joannes Maria Cornelis Antonius | Geleen |       | NL      |

US-CL-CURRENT: 549/375

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

 3. Document ID: US 20030158426 A1

L8: Entry 3 of 18

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158426

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030158426 A1

TITLE: Process for the preparation of 2-(6-substituted-1,-3-dioxane-4-yl)acetic acid derivatives

PUBLICATION-DATE: August 21, 2003

## INVENTOR-INFORMATION:

| NAME                                     | CITY     | STATE | COUNTRY |
|--|----------|-------|---------|
| Kooistra, Jacob Hermanus Mattheus Hero   | Ba Venlo |       | NL      |
| Zeegers, Hubertus Josephus Marie         | Baarloo  |       | NL      |
| Mink, Daniel                             | Belgium  |       | DE      |
| Mulders, Joannes Maria Cornelis Antonius | Geleen   |       | NL      |

US-CL-CURRENT: 549/375

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D. |
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 4. Document ID: US 6870059 B2

L8: Entry 4 of 18

File: USPT

Mar 22, 2005

US-PAT-NO: 6870059

DOCUMENT-IDENTIFIER: US 6870059 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Process for the preparation of 2-(6-substituted-1,-3-dioxane-4-yl)acetic acid derivatives

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMPC | Drawn D. |
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 5. Document ID: US 5072008 A

L8: Entry 5 of 18

File: USPT

Dec 10, 1991

US-PAT-NO: 5072008

DOCUMENT-IDENTIFIER: US 5072008 A

TITLE: Manufacture of lactol derivatives

|      |       |          |       |        |                |      |           |                  |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|------------------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | <b>Sequences</b> | Attachments | Claims | KMPC | Drawn D. |
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6. Document ID: US 5053507 A

L8: Entry 6 of 18

File: USPT

Oct 1, 1991

US-PAT-NO: 5053507

DOCUMENT-IDENTIFIER: US 5053507 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Optically active pyrimidines derivatives

|      |       |          |       |        |                |      |           |                  |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|------------------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | <b>Sequences</b> | Attachments | Claims | KMPC | Drawn D. |
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7. Document ID: US 4943384 A

L8: Entry 7 of 18

File: USPT

Jul 24, 1990

US-PAT-NO: 4943384

DOCUMENT-IDENTIFIER: US 4943384 A

TITLE: Cyclohexane derivatives

|      |       |          |       |        |                |      |           |                  |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|------------------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | <b>Sequences</b> | Attachments | Claims | KMPC | Drawn D. |
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8. Document ID: US 4846998 A

L8: Entry 8 of 18

File: USPT

Jul 11, 1989

US-PAT-NO: 4846998

DOCUMENT-IDENTIFIER: US 4846998 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Cyclohexane derivatives

|      |       |          |       |        |                |      |           |                  |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|------------------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | <b>Sequences</b> | Attachments | Claims | KMPC | Drawn D. |
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9. Document ID: US 4834905 A

L8: Entry 9 of 18

File: USPT

May 30, 1989

US-PAT-NO: 4834905

DOCUMENT-IDENTIFIER: US 4834905 A

TITLE: Ring compounds

|      |       |          |       |        |                |      |           |                  |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|------------------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | <b>Sequences</b> | Attachments | Claims | KMPC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|------------------|-------------|--------|------|----------|

10. Document ID: US 4745198 A

L8: Entry 10 of 18

File: USPT

May 17, 1988

US-PAT-NO: 4745198

DOCUMENT-IDENTIFIER: US 4745198 A

TITLE: 1,3-dioxan-5-ylalkenoic acids

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWC](#) | [Drawn D.](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

| Terms                | Documents |
|----------------------|-----------|
| L7 and acid chloride | 18        |

Display Format:  [Change Format](#)[Previous Page](#)[Next Page](#)[Go to Doc#](#)

## Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACs](#)

Search Results - Record(s) 11 through 18 of 18 returned.

11. Document ID: US 4709030 A

L8: Entry 11 of 18

File: USPT

Nov 24, 1987

US-PAT-NO: 4709030

DOCUMENT-IDENTIFIER: US 4709030 A

TITLE: Novel liquid crystal mixtures

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KWC](#) [Drawn D](#)

12. Document ID: US 4704227 A

L8: Entry 12 of 18

File: USPT

Nov 3, 1987

US-PAT-NO: 4704227

DOCUMENT-IDENTIFIER: US 4704227 A

TITLE: Liquid crystal compounds

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KWC](#) [Drawn D](#)

13. Document ID: US 4627933 A

L8: Entry 13 of 18

File: USPT

Dec 9, 1986

US-PAT-NO: 4627933

DOCUMENT-IDENTIFIER: US 4627933 A

TITLE: Liquid crystalline phases containing alkylene-type bridges

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KWC](#) [Drawn D](#)

14. Document ID: US 4621901 A

L8: Entry 14 of 18

File: USPT

Nov 11, 1986

US-PAT-NO: 4621901

DOCUMENT-IDENTIFIER: US 4621901 A

TITLE: Novel liquid crystal mixtures

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawn D. |
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15. Document ID: US 4600528 A

L8: Entry 15 of 18

File: USPT

Jul 15, 1986

US-PAT-NO: 4600528

DOCUMENT-IDENTIFIER: US 4600528 A

TITLE: Decalin-carbonitriles

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawn D. |
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16. Document ID: US 4567197 A

L8: Entry 16 of 18

File: USPT

Jan 28, 1986

US-PAT-NO: 4567197

DOCUMENT-IDENTIFIER: US 4567197 A

TITLE: 1,3-Dioxan-5-ylalkenoic acids

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawn D. |
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17. Document ID: US 4551264 A

L8: Entry 17 of 18

File: USPT

Nov 5, 1985

US-PAT-NO: 4551264

DOCUMENT-IDENTIFIER: US 4551264 A

TITLE: Polyhalogenoaromatic compounds for liquid crystal compositions

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawn D. |
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18. Document ID: US 4335054 A

L8: Entry 18 of 18

File: USPT

Jun 15, 1982

US-PAT-NO: 4335054

DOCUMENT-IDENTIFIER: US 4335054 A

TITLE: Process for the preparation of alkenylbenzenecarboxylic acid derivatives and alkenylnaphthalenecarboxylic acid derivatives

|      |       |          |       |        |                |      |           |           |             |        |      |          |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Drawn D. |
|------|-------|----------|-------|--------|----------------|------|-----------|-----------|-------------|--------|------|----------|

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

| Terms                | Documents |
|----------------------|-----------|
| L7 and acid chloride | 18        |

**Display Format:**  [Change Format](#)[Previous Page](#)[Next Page](#)[Go to Doc#](#)